

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of routing communications data to a mobile user located in one of a plurality of data networks by a router, the router having a data store provided with data relating to characteristics of the networks and the associations between the networks, the method comprising:

receiving mobile user location information relating to the identity of the data network to which the mobile user is currently connected;

receiving communications data to be sent to the mobile user;

retrieving from the store the associated characteristics of the data network to which the mobile user is currently connected, and the associations between that network and other networks;

adapting the communications data so as to be compatible with the retrieved characteristics, and

sending the adapted communications data to the mobile user.

2. (Currently Amended) A method ~~according to~~ as in claim 1 wherein the router is a home agent attached to a home network.

3. (Currently Amended) A method ~~according to~~ as in claim 1 wherein the communications data comprises text data.

4. (Currently Amended) A method ~~according to~~ as in claim 1 wherein the adapted communications data comprises voice data.

5. (Currently Amended) A method ~~according to~~ as in claim 1 wherein the adaptation of the communications data comprises ~~summarising~~ summarizing the communications data.

6. (Currently Amended) A method ~~according to~~ as in claim 1 wherein the adapted communications data is received by an intermediary router and re-routed to the module user.

7. (Currently Amended) A method ~~according to~~ as in claim 6 wherein the mobile user and the intermediary router are attached to the same one of the plurality of data networks.

8. (Currently Amended) A digital storage medium containing computer program to be loaded on a computer to route communications data to a mobile user located in one of a plurality of data networks each with associated characteristics, such that the computer:

stores data relating to characteristics of the networks and the associations between the networks;

receives mobile user location information, wherein the mobile user location information includes the identity of one of the plurality of data networks;

receives communications data to be sent to the mobile user;

adapts the communications data so as to be compatible with the associated characteristics of the data network to which the mobile user is currently connected, and the associations between that network and other networks; and sends the adapted communications data to the mobile user.

9. (Currently Amended) A digital storage medium containing computer program ~~according to~~ as in claim 8 wherein the computer program has been downloaded from a server and stored in digital storage means ~~media~~.

10. (Currently Amended) A computer program stored on a medium, for controlling a computer to route communications data to a mobile user located in one of a plurality of data networks by:

receiving mobile user location information which includes the identity of one of the plurality of data networks;

receiving communications data to be sent to the mobile user;

retrieving, from a store of data relating to characteristics of the networks and the associations between the networks, the data relating to the characteristics of the said one of the plurality of data networks;

adapting the communications data so as to be compatible with the associated characteristics of said one of the plurality of data networks and

sending the adapted communications data to the mobile user.

11. (Currently Amended) ~~Processing means~~ A data processor adapted to carry out data processing on communication data, the ~~processing means~~ processor comprising:

a first receiving means ~~receiver adapted~~ to receive network information relating to each of a plurality of data networks, wherein the network information includes data network type;

digital storage means ~~adapted~~ to store network information;

a second receiving means receiver adapted to receive mobile user location information from a router, wherein the mobile user location information includes the identity of a selected one of the plurality of data networks;

a third receiving means receiver adapted to receive from the router communications data to be sent to the mobile user;

an information retrieval means processor adapted to retrieve network information relating to the selected data network;

an adapting means processor adapted to adapt the communications data so as to be compatible with the data network type of the one of the plurality of data networks and

an output means adapted to output the adapted communications data to the router.